

# HORIZON

## 6F

Cat. No. CA018104



### SINGLE BUTTON OPERATION FOR CONSISTENT SAMPLE PROCESSING

- HORIZONTAL CENTRIFUGATION
- 6 TUBE CAPACITY
- SINGLE BUTTON OPERATION
- PRESET SPEED AND RUNTIME
- 3,400 MAX RPM
- 1,600 XG MAX RCF

## OVERVIEW

The 6F is a compact single-speed centrifuge. The unit arrives ready for use with included rotor and tube holders. This centrifuge features a preset run time of 10 minutes at 1,600 xg; these settings can be changed if desired, but are not designed for frequent adjustment. Easy one-button operation assures high quality, repeatable analytic results every time.

## APPLICATIONS

Designed specifically for chemistry blood separation, the model 6F is the ideal choice for reference labs, hospital outreach, and blood collection sites.

### World's best selling swing bucket lab centrifuge

#### FEATURES

**Factory Set Electronic Timer:** Preset to 10 minutes, preset can be adjusted from 1 - 30 minutes

**Capacity:** Six (6) tubes from microtubes (.5 mL) up to 17 mm x 100mm (10 mL)

**Brushless AC Motor:** Smooth operation with no routine maintenance

**Quiet Operation with Low Vibration:** Double-encased motor assures quiet performance and low out-of-balance vibration

**Cool Operation:** Unique air-flow design cools the rotor chamber and motor with ambient air; protecting your samples and maximizing sample integrity

**Compact Design:** Uses approximately 1 sq. ft. of counter space

#### SAFETY

**Automatic Lid Lock:** Centrifuge will not run with the lid open and the lid cannot be opened while samples are spinning

**Positive Lid Latching:** Firm mechanical latching of the lid prevents the escape of debris in case of tube breakage

**Clear Shatter Proof Lid:** Allows for safe sample observation, optical calibrations, and access for photo tachometer

**Regulatory Approvals:** Certified to US and Canadian Safety standards

**Reinforced Guard Bowl:** Provides maximum safety and durability

## 6F CENTRIFUGE SPECIFICATIONS

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### Electrical

Voltage ..... 115 Volts  
 Frequency ..... 60 Hz  
 Max. Power Requirements ..... 165 Watts  
 Protection Breaker ..... 4 Amp. Re-settable  
 Centrifuge Motor ..... 1/30 H.P. Brushless AC

### Maximum Speed

6-Tube Horizontal Rotor ..... 3,400 RPM






### General

Overall Dimensions ..... Height ..... 8.75 in. (22 cm)  
 Width ..... 11.75 in. (30 cm)  
 Depth ..... 14 in. (35.5 cm)  
 Weight ..... 11 lbs. (5 kg)  
 Max. Acceleration Time ..... 10 seconds  
 Max. Deceleration Time ..... 20 seconds  
 Timer ..... Electronic, 1 to 30 minutes,  
 preset to 10 minutes

### Maximum Force

6-Tube Horizontal Rotor ..... 1,600 xg

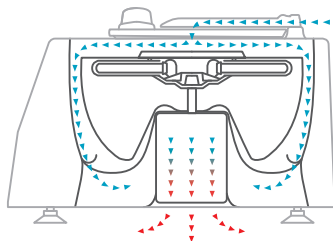
Preset to 10 minutes at 3,400 RPM/1,600 xg

Parts Included	QTY Included	Part Number	COMMENTS
 6 Place Horizontal Rotor	1	7786061	High strength glass fiber
 75 mm Tube Holder	6	7713033	For use with 75 mm tubes
 100 mm Tube Holder	6	7713031	For use with 100 mm tubes
 Tube Adapters, 0.5 to 1 mL	2	7713068	For use with tubes up to 1 mL
 Tube Adapters, 1.5 to 2 mL	2	7713065	For use with tubes between 1.5 mL and 2 mL

\* Model 6F ships with two different tubes: one 75 mm and one 100 mm. Drucker recommends replacement with tube P/N 7713079, which can accommodate both 75 and 100 mm tubes.

### Cool Operations

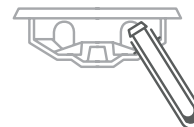
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



### 2-Stage Horizontal Rotor Included

Our patented swing-out horizontal rotor design incorporates a unique test tube holder that produces the ideal horizontally separated samples

Loading Angle



Rotation Angle

